

LAND RECLAMATION COMMISSION

STATE OF MISSOURI

P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102

573-751-4041

Permit To Engage in Surface Mining

LAND RECLAMATION COMMISSION

ISSUES TO

LARRY WARE

Pursuant to "The Land Reclamation Act," RSMo, 2001, and on conformity with the statements

In the application, a permit is hereby granted to engage in surface mining of
sand and gravel in the state of Missouri. The extent of the

Proposed mining operation(s) will be on nine acres, more or less.

The locations of the operation(s) under this permit is/are as follows: Renewal

County	Section	Township	Range	Acres Renewed	Acres New	Total Acres	Site/Stream Name	Site Number
Lincoln	20, 21	48N	01W	9	0	9	Big Creek	1818

This permit may be suspended or revoked upon violation of any or all of the conditions set forth in "The Land Reclamation Act," RSMo, 2001, or in such rules and regulations as are promulgated pursuant thereto by the Land Reclamation Commission.

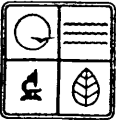
IN WITNESS WHEREOF I have hereunto set my hand this 4th day of March 2004


DIRECTOR OF STAFF
Land Reclamation Commission

Permit No. 0866
Effective Date 03/27/2004
Expiration Date 03/26/2005

RECEIVED

FEB 24 2004

MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSIONPERMIT RENEWAL FOR INDUSTRIAL MINERAL MINES
MISSOURI LAND RECLAMATION COMMISSIONP.O. BOX 176
JEFFERSON CITY, MO 65102-0176

NAME OF CORPORATION, COMPANY, PARTNERSHIP OR INDIVIDUAL LARRY WARE		DATE 2/21/04	
ADDRESS 668 Camp Challen Rd	CITY Troy	STATE MO	ZIP CODE 63379
CONTACT PERSON LARRY WARE		TELEPHONE NUMBER 636-745-9562	

FEES: COMPLETE SECTION I OR SECTION II

SECTION I. Fees: Open pit operators and those mining more than 5,000 tons of sand and/or gravel:

1. To compute the site fee complete the information below:

SITE NAME OR NUMBER (add a separate sheet for additional sites)	Mark each month that the site will be operated during the permit year	For sites operated less than six months per permit year pay \$150 For sites operated six months or more per permit year pay \$300
1.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
2.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
3.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
4.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
5.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
6.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
7.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
8.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
9.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
10.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
TOTAL SITE FEE		\$

2. Acreage Fee \$5 X _____ number of acres bonded \$

3. Annual Permit Fee \$ 500

4. Total Fee (Add totals from 1, 2 and 3) \$

NOTE: If Total Fee exceeds \$2,500.00 then pay only \$ 2,500

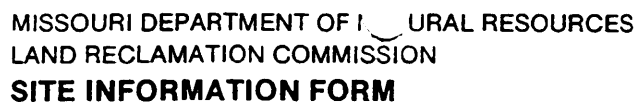
SECTION II. FEES: Sand or gravel operators mining less than 5,000 tons per year:

1. Annual Permit Fee \$ 300

SIGNATURE OF APPLICANT <i>Larry Ware</i>	TITLE <i>Owner</i>	DATE <i>2/21/04</i>
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Appeared before me this *21st* day of *February*, 20 *04*, *Larry Ware* to me personally known, who executed the above as their free acts and deeds.

	STATE OF <i>Missouri</i>	COUNTY (OR CITY OF) <i>Lincoln</i>
	SUBSCRIBED AND SWORN BEFORE ME, THIS <i>21st</i> DAY OF <i>February</i> YEAR <i>2004</i>	
	NOTARY PUBLIC SIGNATURE <i>Robin L. Daniels</i>	MY COMMISSION EXPIRES <i>10/10/04</i>
	NOTARY PUBLIC NAME (TYPED OR PRINTED) <i>Robin L. Daniels</i>	
FOR DEPARTMENT USE ONLY: APPROVED BY <i>[Signature]</i>		DATE APPROVED <i>2-27-04</i>
PERMIT NUMBER <i>866</i>		MY COMMISSION EXPIRES OCT 10, 2004 <i>3-26-05</i>



DEC 28 2000

MISSOURI LAND
RECLAMATION COMMISSION

SITE NAME OR NUMBER Big Creek		PERMIT NUMBER	
COMPANY NAME Larry Ware			
COUNTY Lincoln	1/4 SECTION 20 SE, 21 SW		SECTION 20 & 21
TOWNSHIP 48 North	RANGE 1 West		ACRES 360 9
RIVER OR STREAM NAME (FOR IN-STREAM ACRES) Big Creek			
MINERAL COMMODITY sand & Gravel		ESTIMATED TONS/YEAR (FOR GRAVEL SITES) less than 5000 tons per year	

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE)		
Larry Ware		
ADDRESS		
668 Camp Charren Road		
CITY	STATE	ZIP CODE
Troy	Missouri	63379
SOURCE OF RIGHT TO MINE (CHECK ONE):		DATE OF AGREEMENT
<input type="checkbox"/> MINERAL DEED		
<input checked="" type="checkbox"/> WARRANTY DEED		
<input type="checkbox"/> OTHER (DESCRIBE):		
<input type="checkbox"/> LEASE		
<input type="checkbox"/> VERBAL AGREEMENT		

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE)		
LARRY WARE		
ADDRESS		
668 CAMP CHARREN Rd		
CITY	STATE	ZIP CODE
TROY	MO	63379
SOURCE OF RIGHT TO MINE (CHECK ONE):		DATE OF AGREEMENT
<input type="checkbox"/> MINERAL DEED		
<input checked="" type="checkbox"/> WARRANTY DEED		
<input type="checkbox"/> OTHER (DESCRIBE): _____		
<input type="checkbox"/> LEASE		
<input type="checkbox"/> VERBAL AGREEMENT		

NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION

STREAM PROTECTION PLAN - 10 CSR 40-10.020(2)(D)3
(Required for in-stream sites, or as required by the Director)

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MISSOURI DEPARTMENT OF
LAND RECLAMATION COMMISSION
Larry Ware

TYPE OF PLAN
(CHECK ONE):

- ☐ SHORT TERM, FOR ONE PERMIT YEAR
☒ LONG TERM, FOR PERIOD THROUGH DATE:

Company Name:

DESCRIPTION OF STREAM CONDITION PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING BANK CONDITION, BANK VEGETATION AND WATER QUALITY.

The area to be mined involves a 4200 foot stretch of Big Creek east of Camp Charren Road. This section of creek is bordered by cropland and narrow width of trees. Water quality in creek is good, except after a recent thunderstorm.

DESCRIBE METHODS USED TO REDUCE DAMAGE TO STREAM BANKS, SUCH AS PROTECTING BANK VEGETATION, IF APPLICABLE.

Excavations within the stream bank will be managed such that water flow is not redirected toward the stream banks. Equipment will enter at the existing six (6) entrances and maintained vegetation on side of entrances. There will be a 5' buffer left along the stream edge and a 5' buffer will be along the bank side and will not disturb the existing creek bank. We will make a 5' buffer the same slope as the existing slop in the existing bank.

DESCRIBE METHODS USED TO REDUCE DAMAGE TO STREAM ENVIRONMENTS, SUCH AS KEEPING ACTIVE MINING OPERATIONS ON GRAVEL BARS, RATHER THAN IN FLOWING WATER, AND KEEPING HAUL ROADS AWAY FROM FLOWING WATER, IF APPLICABLE.

Gravel removal will be restricted to the exposed portions of gravel (gravel bars). The depth of the excavation will be minimized so as to avoid causing headcutting upstream during high flows. We will cross the stream when there is low flow.

DESCRIBE METHODS USED TO PROTECT WATER QUALITY, SUCH AS INSTALLING EROSION CONTROL DEVICES, IF APPLICABLE.

Gravel removal will be restricted to periods of low flows. A ridge of gravel will be maintained between the excavations and the flowing portion of the stream. Gravel removal will not go below the existing water level.

By my signature, I attest to the following:


- 1) All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
- 2) I or the company I am authorized to represent intend(s) to mine in accordance with this Plan, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo (Supp. 1990), and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
- 3) I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no right to grant such access, I have attached signed affidavits from the landowners granting such access.

SIGNATURE OF APPLICANT 	TITLE Owner	DATE 12-5-00
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Appeared before me this 5th day of December, 2000.

Larry Ware to me personally known,

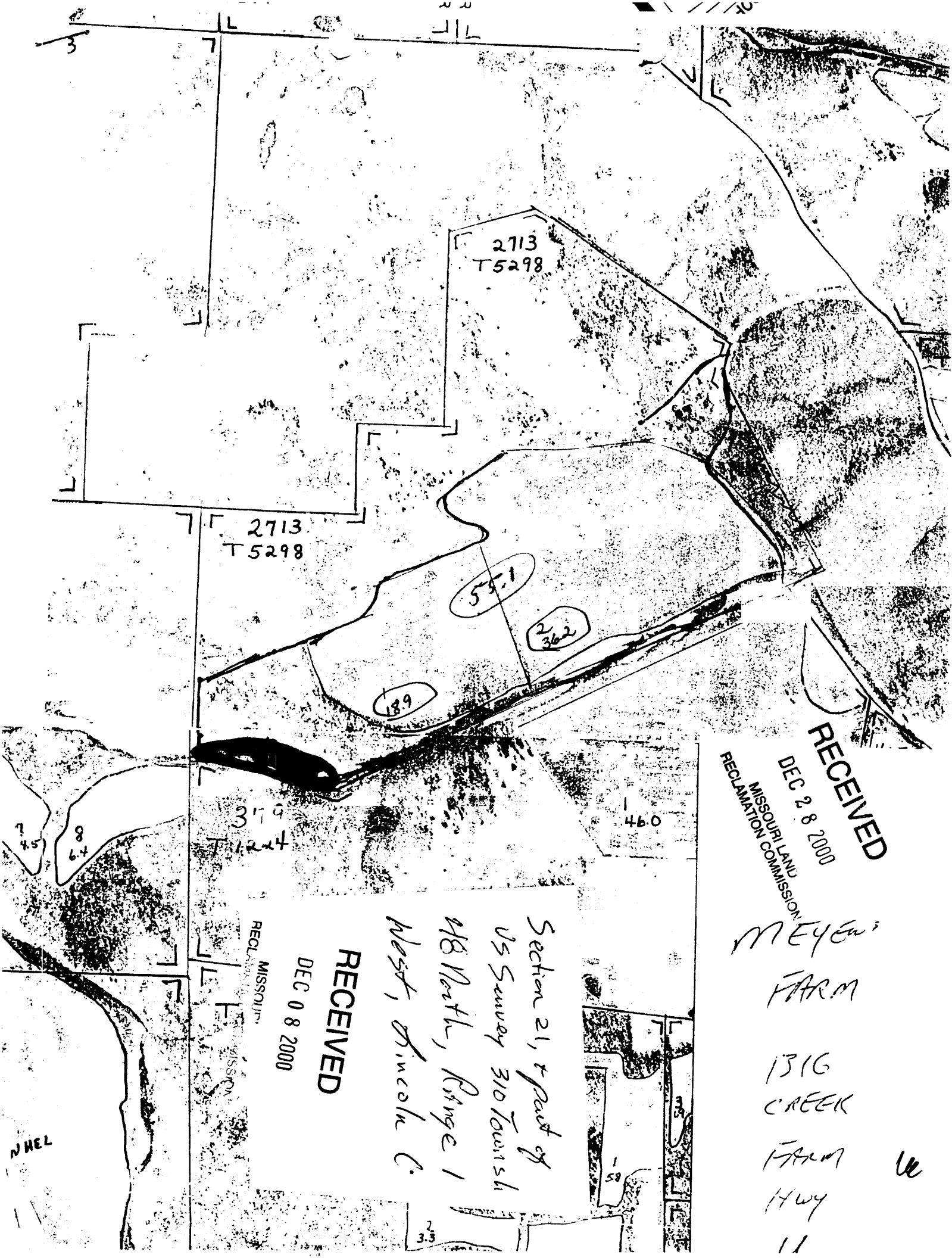
who executed the above as their free acts and deeds.

NOTARY PUBLIC EMBOSSEY SEAL	STATE OF Missouri	COUNTY (OR CITY OF ST. LOUIS) Lincoln
	SUBSCRIBED AND SWORN BEFORE ME, THIS 5th DAY OF Decmeber 2000	
	NOTARY PUBLIC SIGNATURE 	MY COMMISSION EXPIRES 4-11-2001
	NOTARY PUBLIC NAME (TYPED OR PRINTED) Linda K. Seeger	

USE RUBBER STAMP IN CLEAR AREA BELOW.
LINDA K. SEEGER
Notary Public - Notary Seal
STATE OF MISSOURI
County of Lincoln

APPROVED BY (DIRECTOR'S REPRESENTATIVE) 	TITLE LRSL	DATE APPROVED 3-7-01
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56.7



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MISSOURI LAND
RECLAMATION COMMISSION

MEYER'S
FARM

1316
CREEK

FARM

14wy

11

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Section 21, part of
US Survey 310 Townsh
418 North, Range 1
West, Lincoln C.

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Century 21

47 & Lincoln Dr.
Troy, MO 63379

Alice's Pager
941-6985

TROY
528-8941

COOSE REALTY

Residential • Commercial • Farms • Acreage

Ralph and Alice Coose
BROKER - OWNERS

Each Office is Independently Owned and Operated

ST. LOUIS
462-8924

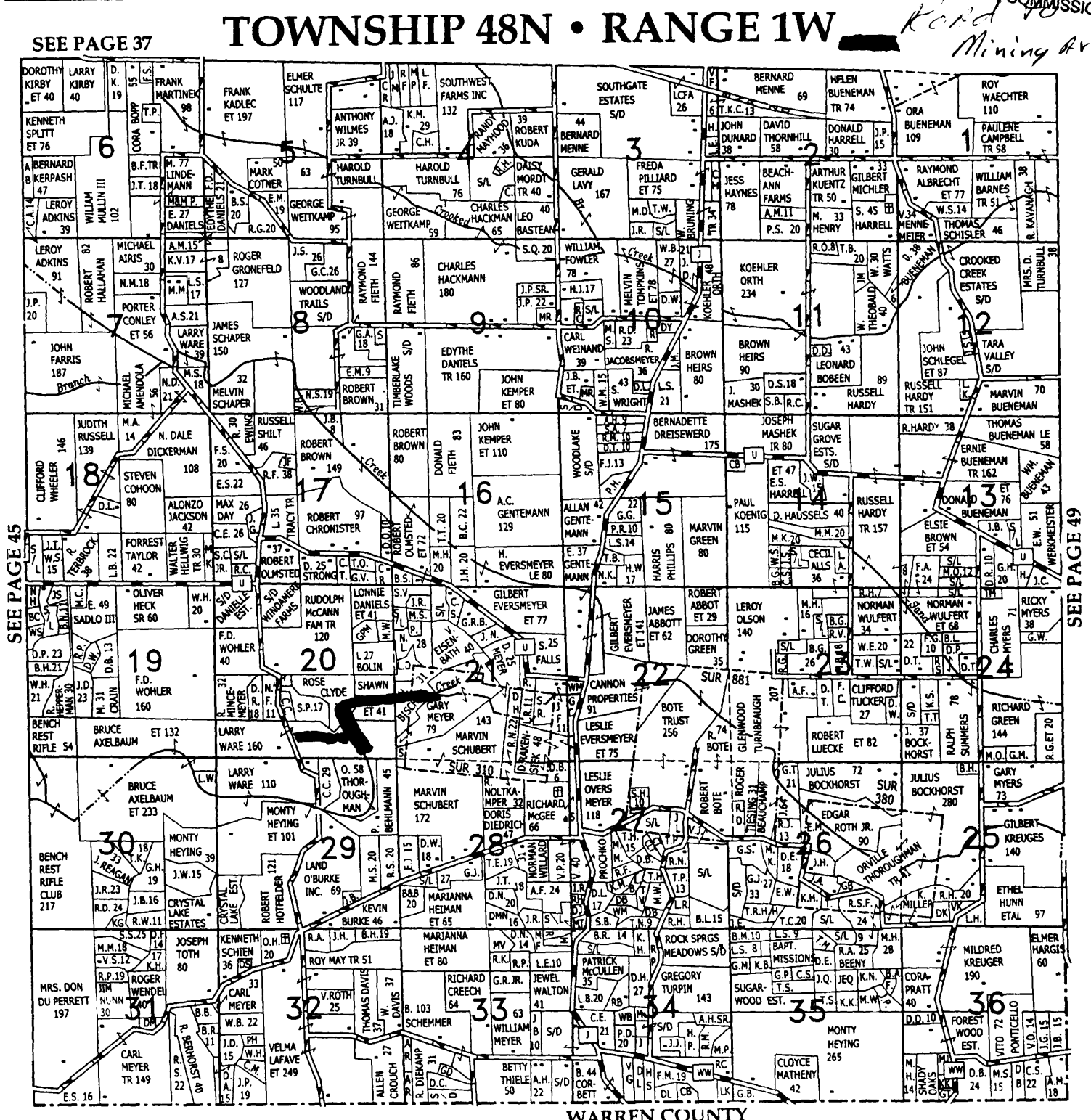
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Ralph's Pager
941-3868

MISSOURI LAND RECLAMATION COMMISSION

After Hours
462-7338

TOWNSHIP 48N • RANGE 1W



SEE PAGE 45

SEE PAGE 49

WARREN COUNTY

' SEC 17, 18, 19, 20 T 48 N R 1 W

PREPARE BY
KUCERA
INTERNATIONAL
PHOTOGRAMMETRIC CONSULTANTS
Willoughby, OH Columbus, OH Lakeland, FL
Denver, CO Pittsburgh, PA Atlanta, GA



753

2 7/8 Ac.

10 Ac. (or) 17

1701
73 Ac. (or)

18
10.00 Ac.

19
10.00 Ac.

20

21

22

23

24

25

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15

175.00 Ac.
(178 Ac. (or))

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